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- ☐ 1: Ghilardi N, Li J, Hongo JA, Yi S, Gurney A, De Sauvage FJ. Related Articles, Nucleotide, Protein
A Novel Type I Cytokine Receptor Is Expressed on Monocytes, Signals Proliferation, and Activates STAT-3 and STAT-5.
J Biol Chem. 2002 May 10;277(19):16831-6.
PMID: 11877449 [PubMed - in process]

Related
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- ☐ 2: Chen Q, Ghilardi N, Wang H, Baker T, Xie MH, Gurney A, Grewal IS, de Sauvage FJ. Related Articles, Nucleotide, OMIM, Protein
Development of Th1-type immune responses requires the type I cytokine receptor TCCR.
Nature. 2000 Oct 19;407(6806):916-20.
PMID: 11057672 [PubMed - indexed for MEDLINE]

- ☐ 3: Leonard W J. Related Articles
Cytokines and immunodeficiency diseases.
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- ☐ 4: Mak TW, Penninger JM, Ohashi PS. Related Articles
Knockout mice: a paradigm shift in modern immunology.
Nature Rev Immunol. 2001 Oct;1(1):11-9. Review.
PMID: 11905810 [PubMed - indexed for MEDLINE]

- ☐ 5: Roder J, Hickey WF. Related Articles
Mouse models, immunology, multiple sclerosis and myelination.
Nat Genet. 1996 Jan;12(1):6-8. No abstract available.
PMID: 8528253 [PubMed - indexed for MEDLINE]

- ☐ 6: Rothenberg ME. Related Articles
Chemokine knockout mice.
Methods Mol Biol. 2000;138:253-7. No abstract available.
PMID: 10840765 [PubMed - indexed for MEDLINE]

- ☐ 7: Chambers CA, Allison JP. Related Articles
CTLA-4--the costimulatory molecule that doesn't: regulation of T-cell responses by inhibition.
Cold Spring Harb Symp Quant Biol. 1999;64:303-12. Review. No abstract available.

PMID: 11232300 [PubMed - indexed for MEDLINE]

- ☐ 8: [Gao JL, Murphy PM.](#) Related Articles
Chemokine receptor knockout mice.
Methods Mol Biol. 2000;138:259-74. No abstract available.
PMID: 10840766 [PubMed - indexed for MEDLINE]
- ☐ 9: [Hertzog PJ, Kola I.](#) Related Articles
Overview. Gene knockouts.
Methods Mol Biol. 2001;158:1-10. No abstract available.
PMID: 11236650 [PubMed - indexed for MEDLINE]
- ☐ 10: [Koretzky G.](#) Related Articles
Stimulation and inhibition of immune responses: an intricate balancing act.
J Clin Invest. 2002 Jan;109(1):7-8. No abstract available.
PMID: 11781343 [PubMed - indexed for MEDLINE]
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Modeling costimulation.
Nat Immunol. 2000 Sep;1(3):194-5. No abstract available.
PMID: 10973274 [PubMed - indexed for MEDLINE]
- ☐ 12: [Bunz F.](#) Related Articles
Human cell knockouts.
Curr Opin Oncol. 2002 Jan;14(1):73-8. Review.
PMID: 11790984 [PubMed - indexed for MEDLINE]
- ☐ 13: [Bolivar V, Cook M, Flaherty L.](#) Related Articles
List of transgenic and knockout mice: behavioral profiles.
Mamm Genome. 2000 Apr;11(4):260-74. Review.
PMID: 10754101 [PubMed - indexed for MEDLINE]
- ☐ 14: [Thorsby E.](#) Related Articles
Transplantation immunology: a brief update.
Transplant Proc. 1997 Nov;29(7):3129-34. Review. No abstract available.
PMID: 9365696 [PubMed - indexed for MEDLINE]
- ☐ 15: [Riminton DS.](#) Related Articles
Gene targeting technology and advances in the pathophysiology of inflammation.
Pathology. 2002 Apr;34(2):109-14.
PMID: 12009090 [PubMed - in process]

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☐ 1: NP_057880. T cell cytokine
r...[gi:7710110]

BLink, Nucleotide, OMIM, Related Sequences, PubMed,
Taxonomy, LinkOut

LOCUS NP_057880 623 aa linear ROD 07-JAN-2002

DEFINITION T cell cytokine receptor; cytokine receptor family, class 1
(WSXWS), member 1 [Mus musculus].

ACCESSION NP_057880

PID g7710110

VERSION NP_057880.1 GI:7710110

DBSOURCE REFSEQ: accession [NM_016671.1](#)

KEYWORDS

SOURCE house mouse.

ORGANISM Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (residues 1 to 623)

AUTHORS Sprecher, C.A., Grant, F.J., Baumgartner, J.W., Presnell, S.R.,
Schrader, S.K., Yamagiwa, T., Whitmore, T.E., O'Hara, P.J. and
Foster, D.F.

TITLE Cloning and characterization of a novel class I cytokine receptor

JOURNAL Biochem. Biophys. Res. Commun. 246 (1), 82-90 (1998)

MEDLINE [98262921](#)

PUBMED [9600072](#)

REFERENCE 2 (residues 1 to 623)

AUTHORS Chen, Q., Ghilardi, N., Wang, H., Baker, T., Xie, M.H., Gurney, A.,
Grewal, I.S. and de Sauvage, F.J.

TITLE Development of Th1-type immune responses requires the type I
cytokine receptor TCCR

JOURNAL Nature 407 (6806), 916-920 (2000)

MEDLINE [20509354](#)

PUBMED [11057672](#)

COMMENT PROVISIONAL REFSEQ: This record has not yet been subject to final
NCBI review. The reference sequence was derived from [AF053005.1](#).

FEATURES

source

Location/Qualifiers

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Protein

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241 gkraallvkv dprpcvqvty tvwfgagdit ttqeevpck spvpawmewa vvspgnstsw
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Revised: October 24, 2001.

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☐ 1: NP_004834. class I cytokine
...[gi:4759328]

BLink, Nucleotide, OMIM, Related Sequences, PubMed, SNP,
Taxonomy, LinkOut

LOCUS NP_004834 636 aa linear PRI 28-JAN-2002
 DEFINITION class I cytokine receptor; T-cell cytokine receptor [Homo sapiens].
 ACCESSION NP_004834
 PID g4759328
 VERSION NP_004834.1 GI:4759328
 DBSOURCE REFSEQ: accession NM_004843.2
 KEYWORDS .
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (residues 1 to 636)
 AUTHORS Sprecher, C.A., Grant, F.J., Baumgartner, J.W., Presnell, S.R.,
 Schrader, S.K., Yamagiwa, T., Whitmore, T.E., O'Hara, P.J. and
 Foster, D.F.
 TITLE Cloning and characterization of a novel class I cytokine receptor
 JOURNAL Biochem. Biophys. Res. Commun. 246 (1), 82-90 (1998)
 MEDLINE 98262921
 PUBMED 9600072
 COMMENT REVIEWED REFSEQ: This record has been curated by NCBI staff. The
 reference sequence was derived from AF053004.1, AI983115.1 and
AW298502.1.
 Summary: In mice, CD4+ helper T-cells differentiate into type 1
 (Th1) cells, which are critical for cell-mediated immunity,
 predominantly under the influence of IL12. Also, IL4 influences
 their differentiation into type 2 (Th2) cells, which are critical
 for most antibody responses. Mice deficient in these cytokines,
 their receptors, or associated transcription factors have impaired,
 but are not absent of, Th1 or Th2 immune responses. This gene
 encodes a protein which is similar to the mouse T-cell cytokine
 receptor Tccr at the amino acid level, and is predicted to be a
 glycosylated transmembrane protein.
 FEATURES Location/Qualifiers
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 /product="class I cytokine receptor"
 /note="T-cell cytokine receptor"
 CDS 1..636
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 /db_xref="LocusID:9466"
 /db_xref="MIM:605350"
 ORIGIN
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481 pwgpcelwvt astiagggpp gpilrlhlpd ntlrwkvlpg ilflwglfll gcglslatsg
541 rcyhlrhkvl prvw~~ek~~v~~pd~~ pan~~ss~~sgqph meqvpeaqpl gdlpilevee mepppv~~mess~~
601 qpaqatapld sgyekhflpt peelgllgpp rpqvla

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